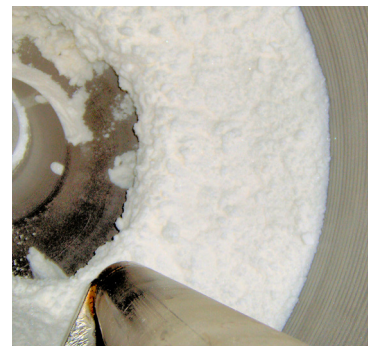
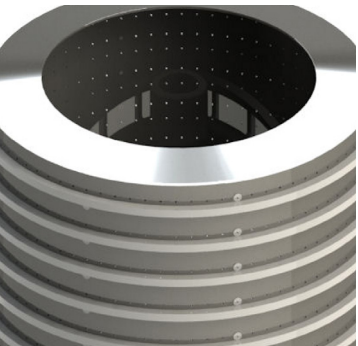
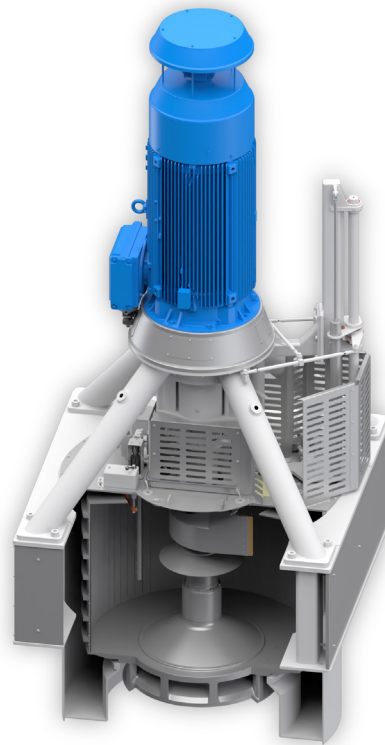




sugar & sweeteners division

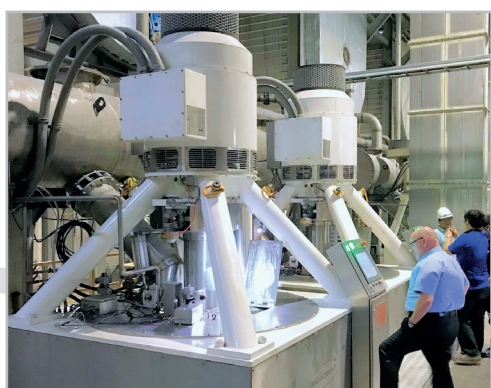


CL RANGE
OF BATCH
CENTRIFUGALS



Broadbent offer a wide range of batch centrifuges to suit all applications in the sugar, dextrose and sweetener industries. They offer a combination of mechanical simplicity, cleanliness, crystal dryness and full crystal removal. Where high throughputs and class-leading yields on high purity are required Broadbent batch centrifuges are the answer.

Special variants are also available for the chemical industry processing citric acid, nitrates and other free filtering crystalline materials.



STANDARD FEATURES

- Simple robust mechanical design reducing maintenance time and costs.
- Centrifuge design has been optimised to improve stability when processing variable masseccutes.
- Excellent for use in refineries; clean lines, no complex mechanisms located above the basket, reducing the possibility of contamination.
- Compact design with low headroom requirements.
- High performance drive systems available for up to 28 charges per hour.
- Drive motor options: Standard industrial TEFC induction motor (CLX), or Broadbent direct coupled motor (CL).
- Fully automatic advanced PC & PLC control systems allowing easy integration with the plant DCS.
- Programmable cleaning system keeps the centrifuge clean and reduces water consumption.

CL RANGE OF BATCH CENTRIFUGES[#]

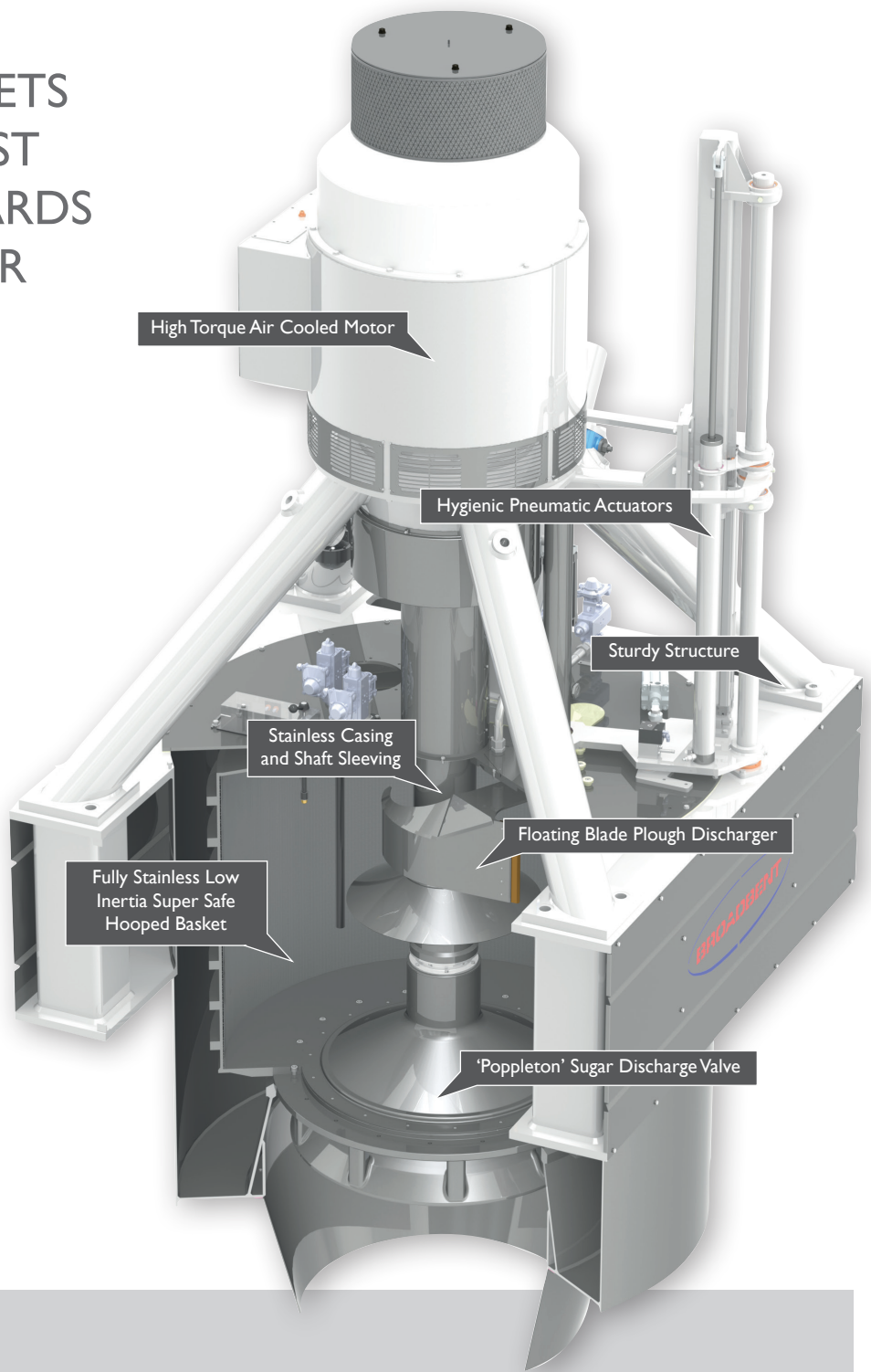
Model	Basket Capacity kg*	Cycles Per Hour*	Max G	Max Capacity Tonnes/HR*
CL / CLX1400	1400	28	1100	39.0
CL / CLX1800	1800	28	1100	50.4
CL / CLX2300	2300	28	1000	64.4

*Dependent on masseccute properties and motor inverter rating selected.

[#]Design subject to change without notice.

CELEBRATING OVER 150
YEARS IN CENTRIFUGE
TECHNOLOGY

SUPPLYING MARKETS WITH THE HIGHEST QUALITY STANDARDS FOR WHITE SUGAR



KEY BENEFITS

- **Advanced Intuitive Control System.** Improved functionality with trending, fault finding, advanced communication, remote maintenance, and CCTV camera options.
- **Duplex Basket.** Corrosion resistant, long life and low inertia. Baskets are fitted with hoops for maximum safety.
- **Optimised Washing.** Designed to reduce water consumption per cycle, giving greater sugar yields.
- **Floating Plough.** Removal of all sugar, reducing the need for screen wash, and allowing faster plough time giving more cycles per hour.
- **Sugar Discharge Valve.** Large open area with downward opening tight shut off valve.
- **Spherical Support Bearing.** Provides positive location with long life, plus lubricant and maintenance free operation.
- **Excellent Stability.** Proven ability to process variable massecuite.



sugar & sweeteners division

Thomas Broadbent & Sons Ltd.

Queen Street South,
Huddersfield, HD1 3EA, England
Tel: +44 1484 477200
Fax: +44 1484 516142
e-mail: tbs@broadbent.co.uk
Web: www.broadbent.co.uk

Broadbent Incorporated

P.O. Box 185249, 2509 Gravel Drive,
Fort Worth, Texas 76118, USA
Tel: +1 (817) 595 2411
Fax: +1 (817) 595 0415
e-mail: binc@broadbent-americas.com

Broadbent (Thailand) Ltd.

88 Moo 5 T. Muang A. Muangchonburi
Chonburi 20130, Thailand
Tel: +66 38 399340-1
Fax: +66 38 399342
e-mail: bthai@broadbent-asia.com

Broadbent Yangzhou (China)

Banqiao Road, Guangling Industrial Park,
Yangzhou, Jiangsu, China, 225004
Tel: +86 514 87871962
Fax: +86 514 87242655
e-mail: bchina@broadbent-asia.com

Broadbent India Private Ltd.

Awfis 4th Floor
GK Mall
Pimple Saudagar
Pune, India 411027
Tel: +91 907 556 7355
e-mail: tbs@broadbent-india.com

Industrial Process Division

Tel: +44 1484 477260
Fax: +44 1484 428041
e-mail: ipd@broadbent.co.uk
Web: www.broadbent.co.uk

Laundry Systems Division

Tel: +44 1484 477243
Fax: +44 1484 516142
e-mail: bls@broadbent.co.uk
Web: www.broadbent.co.uk

Sugar & Sweeteners Division

Tel: +44 1484 477230
Fax: +44 1484 423159
e-mail: sugar@broadbent.co.uk
Web: www.broadbent.co.uk

Service & Spares Division

Tel: +44 1484 477200
24hour: +44 7800 685219
Fax: +44 1484 431821
e-mail: bcsl@broadbent.co.uk
Web: www.broadbent.co.uk